

EUROPEAN PATENT OFFICE

International Abstracts of Japan

PUBLICATION NUMBER : 07032518
PUBLICATION DATE : 03-02-95

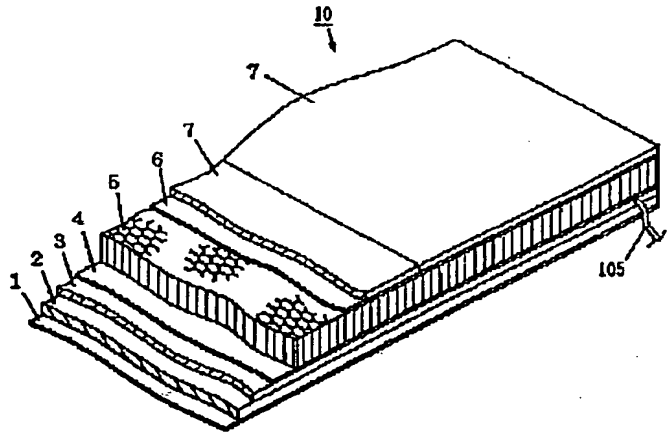
APPLICATION DATE : 16-07-93
APPLICATION NUMBER : 05198903

APPLICANT : DAIRIN SHOJI:KK;

INVENTOR : HAYASHI SACHIKO;

INT. CL. : B32B 3/12 E04F 13/08 E04F 13/14
E04F 15/18 F24D 13/02 F24D 15/00
H05B 3/20

FIELD : COMPOSITE BUILDING MATERIAL



ABSTRACT : PURPOSE: To provide a composite building material capable of achieving high heating efficiency and easy in execution.

CONSTITUTION: A composite building material 10 is obtained by laminating an aluminum panel 1, a heat insulating material 2, a planar heating sheet 3, an aluminum honeycomb structure layer 5 and a natural stone panel 7 composed of marble or granite. The planar heating sheet 3 is composed of carbon fiber mixed paper and, when a current is supplied to the heating sheet 3 through a conductor 105, far infrared rays are emitted. The aluminum honeycomb structure layer 5 functions as the reinforcing material of the natural stone panel 7 and also functions as a heat conductive medium efficiently conducting the heat energy emitted from the planar heating sheet 3 to the natural stone panel 7.

COPYRIGHT: (C)1995,JPO